Small Teaching & MCQ Alternatives

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Outline

"Small Teaching"

- Low-Stakes Assessments

MCQ Alternatives

- Parajumble
- First Solve, Then Answer
- Extended matching

ALTERNATIVES TO THE MCQ

Extended Matching

- High reliability

- Well suited to testing core knowledge

- Includes 4 elements
  - Theme
  - Option list
  - Lead-in statement
  - Item stems

First Solve, Then Answer

One of the following statements is wrong. Identify which one is incorrect, and then rewrite it so that it is correct.

A. Moonshine is made from corn.

B. Rum is made from potatoes.

C. Wine is made from grapes.

D. Tequila is made from agave.

Parajumble

Choose the most logical diagnostic sequence from among the given choices for a 3-year-old, intact female Chihuahua

1. Hard, smooth object noted in caudal abdomen on abdominal palpation
2. Frequent urination & hematuria
3. Amoxicillin-clavulanic acid 62.5 mg BID PO, 2 weeks
4. Urinalysis positive for leukocytes

Choices
A: 1324
B: 3142
C: 2143
D: 1423

Mostly MCQ with others sprinkled in

Fact Sheet

- Mechanism
- Organism
- Disease
- Research study recruitment

SMALL TEACHING

James M. Lang

Small Teaching: Everyday Lessons from the Science of Learning

2016

Book Chapter Format

- Chapter Theme

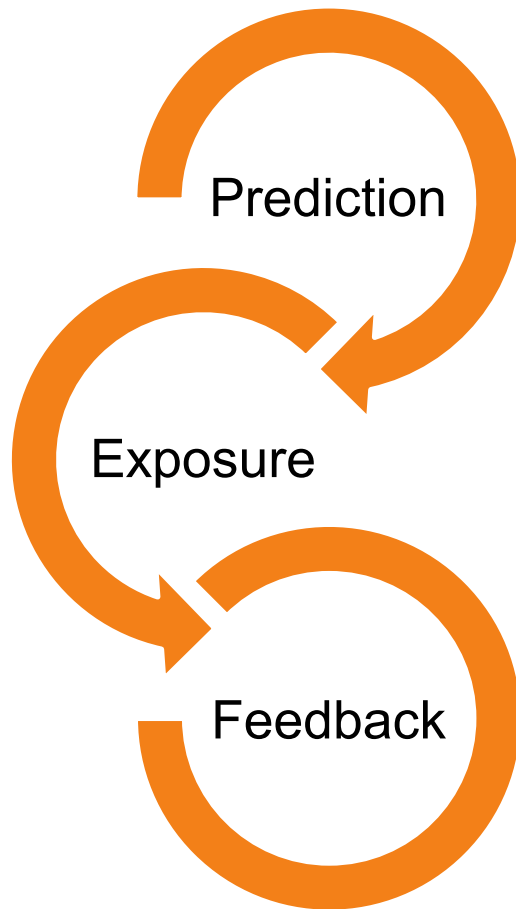| Evidence & Theory | Models | Principles | Quick Tips |
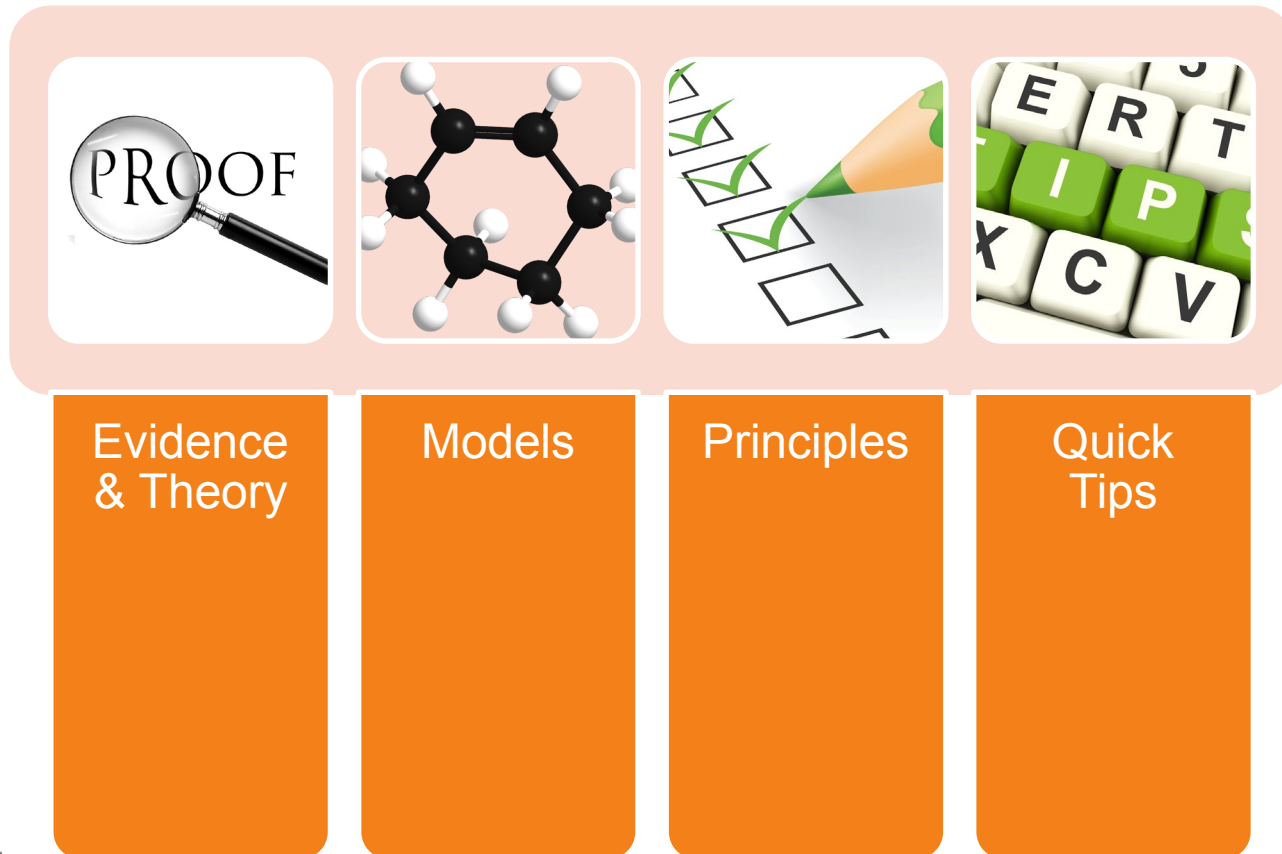
Retrieving

- Retrieval effect
  - Opening questions
  - Closing questions

Predicting

Prediction

Exposure

Feedback

- Ungraded pre-tests
- Clicker prediction
- Opening or closing predictions

Understanding

- What do you already know?

- What do you want to Know?

Practicing

- Completing tasks automatically
- But not *too* automatically

- Create practice opportunities
- Space out the practice
- Provide feedback

Self-Explanation

- Why are you doing that?

- Peer instruction

Inspired by Simon Sinek